

FORM PTO-1449  
(Rev. 7-80)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO. JB-2.3

SERIAL NO. 08/116,019

## LIST OF PRIOR ART CITED BY APPLICANT

(Use several sheets if necessary)

APPLICANT Jack Beery

FILING DATE Sept. 2, 1993

GROUP 2602

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
CE	AA	4,279,035	7/14/81	Skerlos	455	158	—
CE	AB	4,763,195	8/9/88	Tufts	358	193.1	—
CE	AC	5,151,789	9/29/92	Young	358	194.1	10/30/89
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## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
CE	AL	WO 90/07844	7/12/90	PCT	H04N	5/782		X
CE	AM	WO 92/04801	3/19/92	PCT	H04N	5/76		X
CE	AN	WO 93/07711	4/15/93	PCT	H04N	5/76		X
CE	AO	WO 93/12612	6/24/93	PCT	H04N	5/76		X
CE	AP	OS 26 12 260	9/29/77	Germany *	H04N	5/44		X

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

CE	AR	"EXPERTS AGREE The TV of the future is here... in the Heathkit Digital-Design GR-2000 TV," magazine advertisement, source unknown, pp. 28-29.
CE	AS	"If you can use any of these tools...." Radio Electronics, date unknown, pp. 46-47.
CE	AT	Page from article, Radio Electronics, date unknown, p. 50.

EXAMINER

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*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
CE	AA	4,228,541	10/14/80	Snedkerud et al.	455	158	—
CE	AB	4,228,543	10/14/80	Jackson	455	181	—
CE	AC	4,232,396	11/4/80	Grimes	455	179	—
CE	AD	4,317,213	2/23/82	DiLorenzo	455	160	—
CE	AE	4,361,907	11/30/82	Wine	455	160	—
CE	AF	4,425,579	1/10/84	Merrell	455	181	—
CE	AG	4,510,623	4/9/85	Bonneau et al.	455	181	—
CE	AH	4,686,564	8/11/87	Masuko et al.	358	86	—
CE	AI	4,718,107	1/5/88	Hayes	455	4	—
CE	AJ	5,307,173	4/26/94	Yuen et al.	358	335	12/23/88
	AK						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
CE	AL	2 021 887 A	12/5/79	U.K.	H03J	3/18		X
CE	AM	2 083 722 A	3/24/82	U.K.	H03J	1/02		X
CE	AN	0 424 725 A2	5/2/91	European Pat. Office	H04N	5/782		X
CE	AO	58-172011	10/8/83	Japan	H03J	5/00	X	
CE	AP	61-61577	3/29/86	Japan	H04N	5/445	X	

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

CE	AR	Philips, Technical Information 024, "DICS Digital Tuning System for TV Receivers," release date Feb 7, 1977.
CE	AS	RCA "Dimensia" Color Television Owner's Manual, copyr. 1987 (excerpts).
CE	AT	Baer, "Tele-briefs, A Novel User-Selectable Real Time News Headline Service for Cable TV," IEEE Trans. on Consumer Electronics, Vol. CE-25, No. 3, July 1979.

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## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
CE	AL	63-36608	2/17/88	Japan	H04N	5/44	X	
	AM							
	AN							
	AO							
	AP							

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

CE	AR	d'Andrea et al., "Frequency Synthesis for Color TV-Receivers with a New Dedicated Micro-Computer," <u>IEEE Trans. on Consumer Electronics</u> , Vol. CE-27, No. 3, August 1981.
CE	AS	"Video Programm System: Flexibel programmieren mit VPS [Video Program System: Flexible Programming with VPS]," <u>Funkschau</u> , Vol. 25, pp. 47-51, 1985.
CE	AT	Operating Guide for Hitachi TV Model CT-2079B.

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## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

CC	AR	Operating Guide for Hitachi TV Model CT-1938.
CC	AS	Instruction Manual for Hitachi videorecorder Model VT-1800A (excerpts).
CC	AT	Instruction Manual for Hitachi videorecorder Model VT-2500A (excerpts).

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## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

CE	AR	Instruction Manual for JVC TVs Models C-2018/C-2028/C-2038.
CE	AS	Service Manual for JVC TV Model AV-2637S (June 1987).
CE	AT	Service Manual for JVC TV Model C-2018 (Jan. 1988)(excerpts).

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## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

CE	AR	Service Manual for JVC TV, Model C-2627 (Apr. 1987)(excerpts).
CE	AS	Operating Guide for Mitsubishi TV Model CF2670R.
CE	AT	Service Manual for Mitsubishi TV Model CF2670R.

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12/1/94 8-22-95

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## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

CE	AR	Operations Manual for Jerrold "Starcom VI" Model DQN Digital Plain Converter.
CE	AS	Service Manual for Grundig TV Model CUC 2400 (excerpts).
CE	AT	User Manual for Hitachi TV Model VT-S6255 (excerpts).

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**OTHER PRIOR ART** (Including Author, Title, Date, Pertinent Pages, Etc.)

CE	AR	Owner's Manual for RCA videorecorder Model VR695HF (1988).
CE	AS	Customer Handbook Jerrold "Impulse 7000" Model DP71/DPV72/DPBB73 Addressable Converters (June 1988).
CE	AT	Advertisement re Oak Communications "Sigma" Converters, <u>Communication Engineering and Design</u> , May 1987.

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**FOREIGN PATENT DOCUMENTS**

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**OTHER PRIOR ART** (Including Author, Title, Date, Pertinent Pages, Etc.)

CE	AR	Advertisement re Hamlin Model CR-6600 Channel Converter, <u>Cable Television Business</u> , Sept. 1, 1986.
CE	AS	Advertisement re Hamlin Model CRX 5000 Channel Converter, <u>Cable Television Business</u> , Dec. 1, 1983.
CE	AT	Advertisement re Pioneer Model BC-4000 Channel Converter, <u>Cable Television Business</u> , Dec. 15, 1983.

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## FOREIGN PATENT DOCUMENTS

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## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

CE	AR	Advertisement re Magnavox "Magna 6400" Digital Converter, <u>Cable Television Business</u> , Feb. 1, 1983.
BE	AS	Advertisement re Eagle Centronics CATV Converters, <u>Cable Television Business</u> , Oct. 1, 1983.
CE	AT	Advertisement re Jerrold Channel Converters: "Welcome to Jerrold's World of Impulse", <u>Cable Television Business</u> , May 15, 1987.

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## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

CC	AR	Advertisement re Jerrold "Starcom VI" Channel Converter, <u>Cable Television Business</u> , Dec. 15, 1986.
CC	AS	Advertisement re Scientific Atlanta "Series 8500" Channel Converter, <u>Cable Television Business</u> , Dec. 1, 1983.
CC	AT	Advertisement re Scientific Atlanta Models 8525, 6780 and 8530 Channel Converters, <u>Cable Television Business</u> , Jan. 1, 1986.

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## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

CE	AR	Advertisement re Panasonic Model VCS-1 Switcher, TZ-PC120 and TZ-PC150 Converters and PC-200 Converter, <u>Communication Engineering and Design</u> , March 1987.
CE	AS	Advertisement re Oak Communications "Sigma" Converters, <u>Cable Television Business</u> , Oct. 1, 1987.
CE	AT	Advertisement re Oak Communications "Sigma" Converters, <u>Cable Television Business</u> , Nov. 1, 1986.

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## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

* CE	AR	<del>5 Japanese-language advertising and/or technical documents identified by reference numbers HHE 00943A-HHE 00947; HHE 00946-HHE 00955, HHE 00956-HHE 00966, HHE 00967-HHE 00972; and HHE 00973-HHE 00980.</del>
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CE	AB	4,187,469	2/5/80	Tanaka	325	464	—
CE	AC	4,261,055	4/7/81	Farina	455	158	—
CE	AD	4,270,145	5/26/81	Farina	358	188	—
CE	AE	4,313,213	1/26/82	Farina et al.	455	158	—
CE	AF	4,352,202	9/28/82	Carney	455	151	—
CE	AG	4,355,416	10/19/82	Malerba	455	186	—
CE	AH	4,392,246	7/5/83	Nioka et al.	455	158	—
CE	AI	4,495,654	1/22/85	Deiss	455	151	—
CE	AJ	4,521,914	6/4/85	Petrovic	455	158	—
CE	AK	4,644,349	2/17/87	Fujita et al.	340	825.25	—

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							YES	NO
CE	AL	25 42 021 B2	10/6/77	Germany	H03J	1/06	X	
CE	AM	<del>26 12 460 A1</del>	<del>9/29/77</del>	<del>Germany *</del>	<del>H04N</del>	<del>5/44</del>		X
CE	AN	36 28 964 A1	3/10/88	Germany	H03J	5/00	X	
CE	AO	36 40 437 A1	6/9/88	Germany	H03J	5/00	X	
	AP							

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

CE	AR	"MOS Chip in Remote-control Unit Helps Tune TV Set Electronically," <u>Electronics</u> , June 27, 1974, pp 34-35.
CE	AS	Steckler, "STAR - New Kind of TV Remote Control," <u>Radio-Electronics</u> , December 1974, pp. 44-50.
CE	AT	"Digital ICs Think for TV Tuners," <u>Electronics</u> , June 19, 1975, p. 38.

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CE	AA	4,897,714	1/16/90	Christis	358	86	10/2/87
CE	AB	4,998,292	3/5/91	Eigeldinger et al.	455	186	9/22/88
	AC						
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## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AL							
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	AN							
	AO							
	AP							

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

CE	AR	Walker, "For TV Tuners, a Digital Look," <u>Electronics</u> , June 26, 1975, pp. 65-66.
CE	AS	Wilson, "New Digital Remote Control," <u>Radio-Electronics</u> , January 1976, pp. 58-60, 86-87.
CE	AT	Penner, "Digital Television Tuner Uses MOS LSI and Nonvolatile Memory," <u>Electronics</u> , April 1, 1976, pp. 86-90.

EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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APPLICANT Jack Beery

FILING DATE Sept. 2, 1993

GROUP 2602

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cc	AR	Kleiman, "HEATHKIT GR-2001 - Programmable Color TV," <u>Radio-Electronics</u> , May 1977,
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